

Notice of Allowability	Application No.	Applicant(s)	
	09/766,255	BETTS, WILLIAM L.	
	Examiner	Art Unit	
	David B. Lugo	2611	
The MAILING DATE of this communication appeal claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this a or other appropriate communication IGHTS. This application is subject	application. If not include on will be mailed in due	ed course. THIS
1. X This communication is responsive to amendment filed 2/2	<u>1/06</u> .		
2. X The allowed claim(s) is/are 2,4,5,8,11,14,16,18,29,31,38-4	2 and 49-58.		
3. ☐ Acknowledgment is made of a claim for foreign priority unall All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 1. ☐ Copies of the certified copies of the priority documents have 2. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 1. ☐ Copies of the certified copies of the priority documents have 2. ☐ Copies of the certified copies of the priority documents have 17.2(a)). * Certified copies not received: ☐ Copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 18.2(a)). * Certified copies of the priority documents have 18.2(a)). * Certified copies of the priority documents have 18.2(a)). * Certified copies of the priority documents have 18.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Application 17.2(a). * Certified copies of the priority documents have 17.2(a). * Application 17.2(a). * Certified copies of the priority documents have 17.2(a). * Application 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Application 17.2(a). * Certified copies of the priority documents have 17.2(a). * Application 17.2(a). * Certified copies of the priority documents have 17.2(a). * Applicat	e been received. be been received in Application No. cuments have been received in this of this communication to file a report of this application. White the attached EXAMINE as reason(s) why the oath or declar of the submitted. Son's Patent Drawing Review (PTO) S Amendment / Comment or in the comment of the header according to 37 CFR 1.12 sit of BIOLOGICAL MATERIAL	is national stage application and stage application is deficient. C-948) attached Office action of wings in the front (not the 1(d)).	quirements IOTICE OF
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 6/9/05 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. Notice of Informal 6. Interview Summa Paper No./Mail D 7. Examiner's Amen 8. Examiner's Stater 9. Other	ry (PTO-413), Date dment/Comment	ŕ

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DETAILED ACTION

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Allowable Subject Matter

1. Claims 2, 4, 5, 8, 11, 14, 16, 18, 29, 31, 38-42, and 49-58 are allowed.

2. The following is an examiner's statement of reasons for allowance:

Tzannes discloses a bit allocation table which assignment of bits to subchannels of the communication channel. However, the prior art of record fails to disclose assigning bits to a portion of tones based on provided bit and gain information to produce an ordered bit table, and modifying a portion of the assignments from the ordered bit table such that adjacent tones have different bit densities.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David B. Lugo whose telephone number is 571-272-3043. The examiner can normally be reached on M-F; 9:30-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on 571-272-2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

David Lugo 5/6/05

JAY K. PATEL SUPERVISORY PATENT EXAMINER